

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	402	398/45.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/04 15:29
L2	680	398/45-48.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/04 15:29
L3	169	398/51.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/04 15:34
L4	312	370/395.5.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/04 15:36
L5	982	370/469.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/04 15:36
S1	1564	370/389.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:37
S2	94	370/389.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2003/09/22 14:25
S3	965	370/392.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 14:25
S4	85	370/392.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2003/09/22 15:38
S5	732	370/400.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 15:41
S6	43	370/400.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2003/09/22 15:47
S7	2064	370/401.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 15:47
S8	87	370/401.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2003/09/22 16:00
S9	318	370/402.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 16:07
S10	3	370/402.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2003/09/22 16:07
S11	22	370/402.ccls. and label	US-PGPUB; USPAT	OR	OFF	2003/09/22 16:10
S12	198	370/403.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 16:28
S13	145	370/404.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 16:46
S14	70	370/405.ccls.	US-PGPUB; USPAT	OR	OFF	2003/09/22 17:31
S15	5212	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)	US-PGPUB; USPAT	OR	OFF	2003/09/24 15:30

## EAST Search History

S16	2473	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)) and optic\$2	US-PGPUB; USPAT	OR	OFF	2003/09/22 17:35
S17	55	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)) and optic\$2) and optical adj label	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S18	417	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)) and optic\$2) and bandwidth	US-PGPUB; USPAT	OR	OFF	2003/09/22 17:40
S19	380	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)) and optic\$2) and bandwidth) and (switch\$3 or rout\$3 or gateway)	US-PGPUB; USPAT	OR	OFF	2003/09/22 17:40
S20	135	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)) and optic\$2) and bandwidth) and (label\$3 or tag\$4) near3 (switch\$3 or rout\$3 or gateway)	US-PGPUB; USPAT	OR	OFF	2003/09/23 09:55
S21	1995	(type or length or value) adj field and ((identi\$3 with link) or (low\$3 or upper\$3)) and label	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:44
S22	1723	((type or length or value) adj field and ((identi\$3 with link) or (low\$3 or upper\$3)) and label) and (switch\$3 or rout\$3 or gateway)	US-PGPUB; USPAT	OR	OFF	2003/09/23 09:58
S23	191	((type or length or value) adj field and ((identi\$3 with link) or (low\$3 or upper\$3)) and label) and (switch\$3 or rout\$3 or gateway)) and (fiber adj optic\$2)	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:40
S24	36	((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)	EPO; JPO	OR	OFF	2003/09/23 10:11
S25	0	(type or length or value) adj field and ((identi\$3 with link) or (low\$3 or upper\$3)) and label	EPO; JPO	OR	OFF	2003/09/23 10:13
S26	0	optic\$2 and fiber and MPLS	EPO; JPO	OR	OFF	2003/09/23 10:14
S27	325	optic\$2 and fiber and MPLS	US-PGPUB; USPAT	OR	OFF	2003/09/23 11:52
S28	156	optic\$2 adj fiber and MPLS	US-PGPUB; USPAT	OR	OFF	2003/09/23 10:14
S29	131	optic\$2 adj (fiber? or link?) and MPLS	US-PGPUB; USPAT	OR	OFF	2003/09/23 10:53
S30	0	optic\$2 adj (fiber? or link?) and MPLS	EPO; JPO	OR	OFF	2003/09/23 10:53
S31	0	optic\$2 and (fiber? or link?) and MPLS	EPO; JPO	OR	OFF	2003/09/23 10:53
S32	3	(fiber? or link?) and MPLS	EPO; JPO	OR	OFF	2003/09/23 10:53
S33	0	optic\$2 and fiber and MPLS	EPO; JPO	OR	OFF	2003/09/23 11:53

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S34	69199	optic\$2 and fiber or MPLS	EPO; JPO	OR	OFF	2003/09/23 11:53
S35	51	(optic\$2 and fiber or MPLS) and (label near3 (switch\$3 or rout\$3))	EPO; JPO	OR	OFF	2003/09/23 11:53
S36	3	((assign\$3) and (encod\$3 or convert\$3)) same ((label\$3 or tag\$4) with bandwidth)	US-PGPUB; USPAT	OR	OFF	2003/09/24 15:46
S37	22	type near2 length near2 value near2 encoding	US-PGPUB; USPAT	OR	OFF	2003/09/24 15:51
S38	408	LDP and optic\$2	US-PGPUB; USPAT	OR	OFF	2003/09/24 15:51
S39	12	LDP and optic\$2 and TLV	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:03
S40	161	TLV and optic\$2	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:03
S41	12	TLV and optic\$2 and LDP	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:04
S42	4	TLV and (fiber adj optic?)	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:04
S43	337	TLV and (rout\$3 or switch\$3 or gateway)	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:05
S44	115	(TLV and (rout\$3 or switch\$3 or gateway)) and bandwidth	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:25
S45	10	LDP with bandwidth	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:26
S46	10	LDP with (bandwidth or (data adj rate) or data?rate)	US-PGPUB; USPAT	OR	OFF	2003/09/24 16:30
S47	7	LDP with TLV	US-PGPUB; USPAT	OR	OFF	2003/09/25 15:13
S48	2	((optical with label) with channel) same bandwidth	US-PGPUB; USPAT	OR	OFF	2004/02/24 14:59
S49	241	MPLS same optical	US-PGPUB; USPAT	OR	OFF	2004/02/24 14:51
S50	91	(MPLS same optical) and (optical with label)	US-PGPUB; USPAT	OR	OFF	2004/02/24 14:51
S51	50	(optical with label) same bandwidth	US-PGPUB; USPAT	OR	OFF	2004/02/24 14:59
S52	242	MPLS same bandwidth	US-PGPUB; USPAT	OR	OFF	2004/02/24 15:53
S53	44	MPLS same (bandwidth with label)	US-PGPUB; USPAT	OR	OFF	2004/02/24 19:49
S54	160	tag same ((type and length and value) with (field))	US-PGPUB; USPAT	OR	OFF	2004/08/02 16:07
S55	65	(tag same ((type and length and value) with (field))) and optical	US-PGPUB; USPAT	OR	OFF	2004/08/03 17:36

## EAST Search History

S56	43	370/400.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2005/03/10 14:24
S11 0	2163	(label or tag) near switch\$3	US-PGPUB; USPAT	OR	OFF	2005/03/09 18:03
S11 1	269	S110 and (optical near switch\$3)	US-PGPUB; USPAT	OR	OFF	2005/03/09 18:03
S11 2	233	S111 and (fiber? or channel? or wavelength?)	US-PGPUB; USPAT	OR	OFF	2005/03/09 18:04
S11 3	28	("4797879"   "4831616"   "5018130"   "5101290"   "5337185"   "5361256"   "5488501"   "5550818"   "5589967"   "5612959"   "5623356"   "5706375"   "5734486"   "5745612"   "5838848"   "5912753"   "5920663"   "5978119"   "5995256"   "6023544"   "6108113"   "6111673"   "6160651"   "6219161"   "6233075"   "6271946"   "6567851"   "6600743").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:09
S11 4	40	("6111673").URPN.	USPAT	OR	OFF	2005/03/09 18:16
S11 5	11	("20020129166"   "5488501"   "5745274"   "5786923"   "5801863"   "5892606"   "5956165"   "6111673"   "6160651"   "6271946"   "6292464"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:17
S11 6	0	("6600583").URPN.	USPAT	OR	OFF	2005/03/09 18:18
S11 7	22	("4797879"   "4831616"   "5018130"   "5101290"   "5337185"   "5488501"   "5550818"   "5589967"   "5623356"   "5706375"   "5734486"   "5745612"   "5838848"   "5912753"   "5920663"   "5978119"   "5995256"   "6023544"   "6108113"   "6111673"   "6160651"   "6271946").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:27
S12 1	54	chang-gee-kung.in.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:28
S12 2	8	("5173898"   "5617233"   "5917828"   "6021419"   "6222858"   "6314098"   "6331978"   "6374314").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:35
S12 3	3	("20030059154"   "5568575"   "6591037").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:38
S12 4	5	("5430715"   "6032190"   "6519062"   "6545781"   "6657757").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/09 18:39

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S12 5	31	398/51.ccls. and (label near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2005/03/10 14:24
S12 6	31	398/51.ccls. and ((label or tag) near4 switch\$3)	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S12 7	120	398/51.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 14:25
S12 8	289	398/45.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S12 9	70	398/47.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 0	179	398/48.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 1	2457	370/389.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 2	1520	370/392.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 3	1100	370/400.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 4	3197	370/401.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 5	374	370/402.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 6	227	370/403.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 7	186	370/404.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:45
S13 8	79	370/405.ccls.	US-PGPUB; USPAT	OR	OFF	2005/03/10 17:46
S13 9	135	398/51.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:38
S14 0	323	398/45.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 1	78	398/47.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 2	189	398/48.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 3	2803	370/389.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 4	1684	370/392.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 5	1192	370/400.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 6	3605	370/401.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39

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S14 7	391	370/402.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 8	236	370/403.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S14 9	201	370/404.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S15 0	82	370/405.ccls.	US-PGPUB; USPAT	OR	OFF	2005/09/03 22:39
S15 1	96	((((assign\$3) and (encod\$3 or convert\$3)) same (label\$3 or tag\$4)) and optic\$2) and optical adj label	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/03 22:39
S15 2	350	((((type or length or value) adj field and ((identi\$3 with link) or (low\$3 or upper\$3)) and label) and (switch\$3 or rout\$3 or gateway)) and (fiber adj optic\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/03 23:15
S15 3	1	("5862136").PN.	US-PGPUB; USPAT	OR	OFF	2005/09/03 23:15
S15 4	13	wang-guo-qiang.in.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:39
S15 5	0	fan-yanhe.in.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:39
S15 6	3479	fan.in.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:39
S15 9	61	(optical with label) and (channel\$3 or bandwidth\$3 or line\$2) and ingress and egress and type and length and value	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 0	7	("20020186453"   "20030189933"   "20040120261"   "6111673"   "6493348"   "6525850"   "6721315"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 13:43
S16 1	7	("6501756").URPN.	USPAT	OR	OFF	2006/02/20 13:49
S16 2	3260	370/389.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 3	1888	370/392.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 4	1313	370/400.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 5	4054	370/401.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 6	406	370/402.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56

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S16 7	242	370/403.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 8	213	370/404.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S16 9	85	370/405.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:56
S17 0	5539	(optical with label)	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:57
S17 2	1220	(optical with label) same (TLV or type or length or value or MPLS)	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:57
S17 3	289	S172 and (fiber with optic\$2)	US-PGPUB; USPAT	OR	OFF	2006/02/20 13:58
S17 4	1972	(optical with label)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/20 13:57
S17 5	227	(optical with label) same (TLV or type or length or value or MPLS)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/20 13:57
S17 6	0	S173 and (fiber with optic\$2)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/20 13:58
S17 7	30	("20040202164"   "4797879"   "4831616"   "5010290"   "5018130"   "5337185"   "5361256"   "5488501"   "5550818"   "5589967"   "5612959"   "5623356"   "5706375"   "5734486"   "5745612"   "5838848"   "5912753"   "5920663"   "5978119"   "5995256"   "6023544"   "6108113"   "6111673"   "6160651"   "6219161"   "6233075"   "6271946"   "6567851"   "6600743"   "6850707").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:03
S17 8	5	("5175777"   "5319484"   "5341234"   "5504607"   "6433902").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:09
S17 9	1	("6738354").URPN.	USPAT	OR	OFF	2006/02/20 14:12
S18 0	11	("4577311"   "4736363"   "4995032"   "5229988"   "5367517"   "5579480"   "5781537"   "5996021"   "6175870"   "6339595"   "6418126").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/20 14:13
S18 1	3721	370/389.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 2	2167	370/392.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 3	1447	370/400.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43

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S18 4	4614	370/401.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 5	428	370/402.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 6	255	370/403.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 7	234	370/404.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 8	90	370/405.ccls.	US-PGPUB; USPAT	OR	OFF	2006/08/02 20:43
S18 9	1256	(type same length same value) and channel\$1 and fiber\$1 and optic\$1 and (path\$3 or rout\$3)	US-PGPUB; USPAT	OR	OFF	2006/08/03 20:49
S19 0	60	(type same length same value) and channel\$1 and fiber\$1 and optic\$1 and (path\$3 or rout\$3) and ingress and egress	US-PGPUB; USPAT	OR	OFF	2006/08/03 20:45
S19 1	0	((type same length same value) and channel\$1 and fiber\$1 and optic\$1 and (path\$3 or rout\$3) and ingress and egress).clm.	USPAT	OR	OFF	2006/08/03 20:46
S19 2	1	((type same length same value) and channel\$1 and fiber\$1 and optic\$1 and (path\$3 or rout\$3)).clm.	USPAT	OR	OFF	2006/08/03 20:46
S19 3	2	((type and length and value) and channel\$1 and fiber\$1 and optic\$1 and (path\$3 or rout\$3)).clm.	USPAT	OR	OFF	2006/08/03 20:46
S19 4	160	(type and length and value and channel\$1 and (path\$3 or rout\$3)). clm.	USPAT	OR	OFF	2006/08/03 20:47
S19 6	5	(type and length and value and channel\$1 and (path\$3 or rout\$3) and fiber\$1).clm.	USPAT	OR	OFF	2006/08/03 20:47
S19 7	1	(type same length same value) and channel\$1 and fiber\$1 and optic\$1 and (path\$3 or rout\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 20:49
S19 8	23	(type same length same value) and channel\$1 and (path\$3 or rout\$3)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/03 20:49
S19 9	15	wang-guo-qiang.in.	US-PGPUB; USPAT	OR	OFF	2006/08/03 20:50
S20 0	1	fan-yanhe.in.	US-PGPUB; USPAT	OR	OFF	2006/08/03 20:50